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(54) LIQUID CRYSTAL COMPOSITION

(57)Abstract:

PURPOSE: A liquid crystal composition, containing a compound expressed by a specific formula, having the positive dielectric anisotropy and a steep rise in a curve of voltage plotted against transmittance, capable of reducing the driving voltage, and suitable for a twisted nematic liquid crystal display of the time sharing driving method.

CONSTITUTION: A composition, containing a compound expressed by the formula (R is R' are 1W12C alkyl), and having the positive dielectric anisotropy. The composition preferably consists of the compound expressed by the formula, a liquid crystal compound having the negative dielectric anisotropy and a liquid crystal compound having the positive dielectric anisotropy, and the dielectric anisotropy of the final liquid crystal composition is about 10 positive value. The amount of the compound expressed by the formula is preferably 10W30wt%.



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